

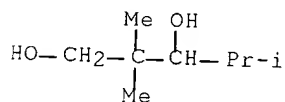
=> file reg

=> s 144-19-4

L1 1 144-19-4
(144-19-4/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2000 ACS
RN 144-19-4 REGISTRY
CN 1,3-Pentanediol, 2,2,4-trimethyl- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2,2,4-Trimethyl-1,3-pentanediol
CN TMPD (alcohol)
FS 3D CONCORD
DR 127894-68-2
MF C8 H18 O2



=> sel chem

E1 THROUGH E4 ASSIGNED

FILE 'USPATFULL' ENTERED AT 11:05:46 ON 24 JAN 2000
CA INDEXING COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAPLUS' ENTERED AT 11:05:46 ON 24 JAN 2000
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FILE 'IFIPAT' ENTERED AT 11:05:46 ON 24 JAN 2000
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FILE 'JAPIO' ENTERED AT 11:05:46 ON 24 JAN 2000
COPYRIGHT (C) 2000 Japanese Patent Office (JPO)

=> s el-e4

L2 2332 ("TMPD (ALCOHOL)"/BI OR 127894-68-2/BI OR 144-19-4/BI OR
"2,2,4-TRIMETHYL-1,3-PENTANEDIOL"/BI)

=> s l2 and fabric soften?

L3 40 L2 AND FABRIC SOFTEN?

=> s fabric soften? and ((cationic or quaternary) (w) (ester or diester) or
esterquat or diesterquat or (ester or diester) (w) quat)

L4 131 FABRIC SOFTEN? AND ((CATIONIC OR QUATERNARY) (W) (ESTER OR
DIESTER) OR ESTERQUAT OR DIESTERQUAT OR (ESTER OR DIESTER) (W) QUAT)

=> s 13 and 14 and nonionic surfactant

L5 1 L3 AND L4 AND NONIONIC SURFACTANT

=> d

=> s 13 and biodegradab?

L7 16 L3 AND BIODEGRADAB?

=> s 12 and fabric soften? (3a) biodegradab?

L8 12 L2 AND FABRIC SOFTEN? (3A) BIODEGRADAB?

=> s 18 not 16

L9 11 L8 NOT L6

=> d 1-11 ibib

=> d 3-8 hit

=> d 3, 4, 7, 8 pi

L10 ANSWER 3 OF 8 USPATFULL
PI US 5759990 19980602

DUPLICATE 2

L10 ANSWER 4 OF 8 USPATFULL
PI US 5747443 19980505

DUPLICATE 3

	ANSWER 7 OF 8	CAPLUS	COPYRIGHT 2000	ACS		
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
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PI	WO 9803619	A1	19980129	WO 1997-US5097	19970325	
	US 5759990	A	19980602	US 1996-735369	19961021	
	CA 2260920	AA	19980129	CA 1997-2260920	19970325	
	AU 9723480	A1	19980210	AU 1997-23480	19970325	

	ANSWER 8 OF 8	CAPLUS	COPYRIGHT 2000	ACS		
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
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PI	WO 9703172	A1	19970130	WO 1996-US11572	19960711	

STN INTERNATIONAL LOGOFF AT 11:21:35 ON 24 JAN 2000